



Hands-On: Creating a Service in Docker Swarm

Step 1: Follow the below syntax to create a service:

```
$ docker service create --name <name-of-service> --replicas <number-of-replicas> --publish <port-mapping>
<image-name>
```

```
ubuntu@ip-172-31-45-114: ~
ubuntu@ip-172-31-45-114:~$ docker service create --name nginx1 --replicas 3 --publish 80:80 nginx:latest
rynwyeibmguaao3tgm7l32tq
overall progress: 3 out of 3 tasks
1/3: running
2/3: running
3/3: running
verify: Service converged
ubuntu@ip-172-31-45-114:~$
```

Step 2: To list the service(s) you have created, use the following command:

```
$ docker service ls
```

```
ubuntu@ip-172-31-45-114: ~
ubuntu@ip-172-31-45-114:~$ docker service ls
ID                NAME                MODE                REPLICAS
IMAGE            PORTS
rynwyeibmgua     nginx1              replicated          3/3
nginx:latest     *:80->80/tcp
```

Step 3: To delete the service(s) you have created, use the following command:

```
$ docker service rm <service-name>
```

```
ubuntu@ip-172-31-45-114: ~
```

```
ubuntu@ip-172-31-45-114:~$ docker service rm nginx1  
nginx1
```